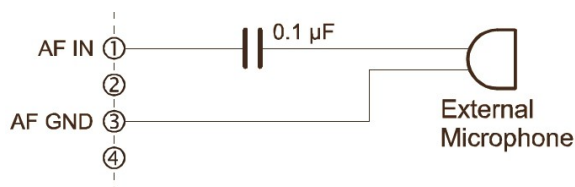


External Microphone Input. Nominal input level is 6 mV at 600-ohm.  
When connect the External Microphone to this port, insert a 0.1  $\mu$ F coupling capacitor between the microphone and this port; as shown illustration.



Shorting this port to ground causes the transceiver to be placed in the Transmit mode, while opening the connection to this port returns the transceiver to the Receive mode. Opening voltage is 5 V, closed current approx. 5 mA.

This port is intended for controlling an external TX/RX switching circuit. This port is open collector output which can sink approx. 100 mA when active. Max. voltage is 16V.

The VX-2100/-2200 may be automatically be switched to the STND-BY mode when the vehicle's ignition key is turned on. Maximum current is 20 mA.

These port features can be programmed via the CE82 programmer. Each port is open collector output which can sink approx. 100 mA when active. Max. output 16V. When the input is selected, it becomes active between 2V and 16V.

The port 5 is available to set only for Output function, and active logic is the opposite side against the Port 1~4. Max.output 5V, closed current approx. 1 mA.  
(CMOS output)

The port 6 is available to set only for Input function,  
and active logic is the opposite side against the Port 1 ~ 4.  
Max.input 5V. (CMOS input)

## Chassis ground

Low-level receiver output. Peak signal level is 150 mV at 600-ohm.

Ground for all logic levels and power supply return.

Switched 13.6V output for supplying power to an accessory.

A DC voltage proportional to the strength of the signal currently being received (Receiver Signal Strength Indicator) is provided on this pin. This low impedance output is generated by the receiver IF sub-system and buffered by an internal op-amp. Typical output voltages are 1 V (@No Signal Input) through 2.0 V (@50 dB Input).